

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A plasma display panel, comprising:  
  
a scan electrode and a sustain electrode, which are formed on an upper substrate in parallel to each other; and  
  
an address electrode formed on a lower substrate in the direction where the address electrode intersects the scan electrode and the sustain electrode,  
  
wherein a distance between the scan electrode and the sustain electrode is set wider than that between the scan electrode and the address electrode.
2. (Original) The plasma display panel as claimed in claim 1, further comprising an auxiliary electrode formed on the address electrode in a portion where the scan electrode and the sustain electrode intersects the address electrode.
3. (Original) The plasma display panel as claimed in claim 1, wherein the auxiliary electrode is extended in the direction parallel to the scan electrode and the sustain electrode at the intersecting portion.

4. (Original) The plasma display panel as claimed in claim 3, wherein the width of the auxiliary electrode is set wider than that of each of the scan electrode and the sustain electrode.

5. (Original) The plasma display panel as claimed in claim 3, wherein the width of the auxiliary electrode is set the same as that of each of the scan electrode and the sustain electrode.

6. (Original) The plasma display panel as claimed in claim 3, wherein the width of the auxiliary electrode is set narrower than that of each of the scan electrode and the sustain electrode.

7. (Original) The plasma display panel as claimed in claim 3, wherein the auxiliary electrode is extended in one direction in parallel to the scan electrode and the sustain electrode at the intersecting portion.

8. (Original) The plasma display panel as claimed in claim 3, wherein the auxiliary electrode is extended in both directions in parallel to the scan electrode and the sustain electrode at the intersecting portion.

9. (Original) The plasma display panel as claimed in claim 3, wherein the auxiliary electrode is extended in parallel to the scan electrode at a portion where the auxiliary electrode intersects the scan electrode.

10. (Original) The plasma display panel as claimed in claim 3, wherein the auxiliary electrode is extended in parallel to the sustain electrode at a portion where the auxiliary electrode intersects the sustain electrode.

11. (Original) The plasma display panel as claimed in claim 1, wherein the distance between the sustain electrode and the address electrode is set the same as that between the scan electrode and the address electrode.

12. (Currently Amended) The plasma display panel as claimed in claim 1 [[or 2]], wherein the distance between the scan electrode and the sustain electrode is set 300 or more.

13.(Original) A method for driving a plasma display panel, wherein the panel comprises a scan electrode and a sustain electrode, which are formed on an upper substrate in parallel to each other; and an address electrode formed on a lower substrate in the direction where the address electrode intersects the scan electrode and the sustain electrode, the method comprising the steps of:

generating an opposite discharge between one of the scan electrode and the sustain electrode and the address electrode of the lower substrate, during a sustain period; and  
generating a sheet discharge between the scan electrode and the sustain electrode after the opposite discharge is generated.

14. (Original) The method as claimed in claim 13, wherein during the sustain period, a sustain pulse is alternately applied to the scan electrode and the sustain electrode.

15. (Original) The method as claimed in claim 14, wherein when the sustain pulse is alternately applied to the scan electrode and the sustain electrode during the sustain period, a pulse of the positive polarity is applied to the address electrode.

16. (Original) The method as claimed in claim 15, wherein the width of a bias pulse of the positive polarity is smaller than that of the sustain pulse.

17. (Original) A method for driving a plasma display panel, which is driven with it divided into a plurality of sub-fields including a reset period, an address period and a sustain period, the method comprising the steps of:

generating an address discharge for selecting a cell during the address period,;

supplying a first sustain pulse, which falls from a first voltage to a second voltage, to a scan electrode during the sustain period;

alternately supplying the first sustain pulse and a second sustain pulse, which falls from the first voltage to the second voltage, to a sustain electrode; and

supplying the first and second sustain pulses to the scan electrode and the sustain electrode and at the same time supplying a bias pulse of the positive polarity to an address electrode.

18. (Original) The method as claimed in claim 17, wherein the second voltage is set to a ground voltage.

19. (Original) The method as claimed in claim 17, wherein the second voltage is set to a voltage of the negative polarity.

20. (Original) The method as claimed in claim 17, wherein the width of the bias pulse of the positive polarity is set narrower than that of the first and second sustain pulses.

21. (Original) A method for driving a plasma display panel, wherein the plasma display panel is driven with it divided into a plurality of sub-fields including a reset period, an address period and a sustain period, the method comprising the steps of:

generating an address discharge for selecting a cell during the address period;

supplying a first sustain pulse, which falls from a first voltage to a second voltage, to a sustain electrode during the sustain period;

alternately supplying the first sustain pulse and a second sustain pulse, which falls from the first voltage to the second voltage, to a scan electrode; and

supplying the first and second sustain pulses to the scan electrode and the sustain electrode and at the same time supplying a bias pulse of the positive polarity to an address electrode.

22. (Original) A method for driving a plasma display panel, wherein the panel is driven with it divided into a plurality of sub-fields including a reset period, an address period and a sustain period, wherein the plasma display panel comprises a scan electrode and a sustain electrode which are formed in parallel to a discharge cell at a first distance; and an address electrode formed to intersect a discharge cell at a second distance narrower than the first distance between the scan electrode and the sustain electrode, the method comprising the steps of:

generating an address discharge for selecting a cell during the address period;

supplying a first sustain pulse, which falls from a first voltage to a second voltage, to a scan electrode during the sustain period;

alternately supplying the first sustain pulse and a second sustain pulse, which falls from the first voltage to the second voltage, to a sustain electrode; and

supplying the first and second sustain pulses to the scan electrode and the sustain electrode and at the same time supplying a bias pulse of the positive polarity to an address electrode.

23. (Original) The method as claimed in claim 22, wherein the second voltage is set to a ground voltage.

24. (Original) The method as claimed in claim 22, wherein the second voltage is set to a voltage of the negative polarity.

25. (Original) The method as claimed in claim 22, wherein the width of the bias pulse of the positive polarity is set narrower than that of the first and second sustain pulses.

26. (Original) The method as claimed in claim 22, wherein the reset period is driven with it divided into a set-up period and a set-down period, and the method further comprises the steps of:

supplying a first ramp-up waveform to the scan electrode during the set-up period; and

supplying a second ramp-up waveform to the sustain electrode formed in parallel to the scan electrode during the set-up period.

27. (Original) The method as claimed in claim 26, wherein voltage values of the first ramp-up waveform and the second ramp-up waveform are set to prevent discharge from occurring between the scan electrode and the sustain electrode.

28. (Original) The method as claimed in claim 26, wherein voltage values of the first ramp-up waveform and the second ramp-up waveform are set same.

29. (Original) The method as claimed in claim 28, wherein the highest voltage value of the first ramp-up waveform and the second ramp-up waveform is set below 350V.

30. (Original) The method as claimed in claim 26, wherein after the second ramp-up waveform is supplied, a DC voltage of the positive polarity is applied to the sustain electrode during the set-down period and the address period.

31. (Original) The method as claimed in claim 30, wherein a voltage value of the DC voltage of the positive polarity is set the same as the highest voltage value of the second ramp-up waveform.



32. (Original) The method as claimed in claim 31, wherein the highest voltage value of the DC voltage of the positive polarity is set below 350V.

33. (Original) A method for driving a plasma display panel, wherein the plasma display panel is driven with it divided into a plurality of sub-fields including a reset period, an address period and a sustain period, and comprises a scan electrode and a sustain electrode which are formed in parallel to a discharge cell at a first distance; and an address electrode formed to intersect a discharge cell at a second distance narrower than the first distance between the scan electrode and the sustain electrode, the method comprising the steps of:

generating an address discharge for selecting a cell during the address period;

supplying a first sustain pulse, which falls from a first voltage to a second voltage, to a sustain electrode during the sustain period;

alternately supplying the first sustain pulse and a second sustain pulse, which falls from the first voltage to the second voltage, to a scan electrode; and

supplying the first and second sustain pulses to the scan electrode and the sustain electrode and at the same time supplying a bias pulse of the positive polarity to an address electrode.

34. (Original) A method for driving a plasma display panel, wherein the plasma display panel is driven with it divided into a plurality of sub-fields including a reset period, an address period and a sustain period, the method comprising the steps of:

generating an address discharge for selecting a cell during the address period;

supplying a first sustain pulse, which falls from a first voltage to a second voltage, to a scan electrode during the sustain period;

alternately supplying the first sustain pulse and a second sustain pulse, which falls from the first voltage to the second voltage, to a sustain electrode during the sustain period; and

supplying an erase pulse having a voltage value of the negative polarity to the scan electrode after the sustain period.

35. (Original) The method as claimed in claim 34, further comprising the step of supplying the first and second sustain pulses to the scan electrode and the sustain electrode during the sustain period, and at the same time supplying a bias pulse of the positive polarity to the address electrode.

36. (Original) The method as claimed in claim 35, wherein the width of the bias pulse of the positive polarity is set narrow than that of the first and second sustain pulses.

37. (Original) The method as claimed in claim 34, wherein the width of the erase pulse is set narrow than that of the first and second sustain pulses.

38. (Original) A method for driving a plasma display panel, wherein the plasma display panel is driven with it divided into a plurality of sub-fields including a reset period, an address period and a sustain period, and wherein the plasma display panel comprises a scan electrode and a sustain electrode which are formed in parallel to a discharge cell at a first distance; and an address electrode formed to intersect a discharge cell at a second distance narrower than the first distance between the scan electrode and the sustain electrode, the method comprising the steps of:

generating an address discharge for selecting a cell during the address period;

supplying a first sustain pulse, which falls from a first voltage to a second voltage, to a scan electrode during the sustain period;

alternately supplying the first sustain pulse and a second sustain pulse, which falls from the first voltage to the second voltage, to a sustain electrode during the sustain period; and

supplying an erase pulse having a voltage value of the negative polarity to the scan electrode after the sustain period.

39. (Original) The method as claimed in claim 38, further comprising the step of supplying the first and second sustain pulses to the scan electrode and the sustain electrode

during the sustain period, and at the same time supplying a bias pulse of the positive polarity to the address electrode.

40. (Original) The method as claimed in claim 39, wherein the width of the bias pulse of the positive polarity is set narrow than that of the first and second sustain pulses.

41.(Original) The method as claimed in claim 38, wherein the width of the erase pulse is set narrow than that of the first and second sustain pulses.

42. (Original) The method as claimed in claim 38, wherein the reset period is driven with it divided into a set-up period and a set-down period, and the method further comprises:  
supplying a first ramp-up waveform to the scan electrode during the set-up period; and  
supplying a second ramp-up waveform to the sustain electrode formed in parallel to the scan electrode during the set-up period.

43. (Original) The method as claimed in claim 42, wherein voltage values of the first ramp-up waveform and the second ramp-up waveform are set to prevent discharge from occurring between the scan electrode and the sustain electrode.

44. (Original) The method as claimed in claim 43, wherein voltage values of the first ramp-up waveform and the second ramp-up waveform are set same.

45. (Original) The method as claimed in claim 44, wherein the highest voltage value of the first ramp-up waveform and the second ramp-up waveform is set below 350V.

46. (Original) The method as claimed in claim 42, wherein after the second ramp-up waveform is supplied, a DC voltage of the positive polarity is applied to the sustain electrode during the set-down period and the address period.

47.(Original) The method as claimed in claim 46, wherein a voltage value of the DC voltage of the positive polarity is set the same as the highest voltage value of the second ramp-up waveform.

48. (Original) The method as claimed in claim 47, wherein the highest voltage value of the DC voltage of the positive polarity is set below 350V.

49. (Original) A method for driving a plasma display panel, wherein the plasma display panel is driven with a reset period divided into a set-up period and a set-down period, the method comprising the steps of:

supplying a first ramp-up waveform, which rises from a first voltage value to a peak voltage, to a scan electrode during the set-up period;

supplying a second ramp-up waveform to a sustain electrode formed in parallel to the scan electrode during the set-up period; and

supplying a ramp-down waveform, which falls from a second voltage value lower than the first voltage value to a third voltage value, to the scan electrode during the set-down period.

50. (Original) The method as claimed in claim 49, wherein the peak voltage is set below 350V.

51. (Original) The method as claimed in claim 49, wherein the peak voltage is set below 300V.

52. (Original) The method as claimed in claim 49, wherein the second voltage value is set below 200V.

53. (Original) The method as claimed in claim 49, wherein the third voltage value becomes the ground voltage.

54. (Original) The method as claimed in claim 49, wherein the period where the ramp-down waveform is applied is set to be longer twice than the period where the first ramp-up waveform is applied.

55. (Original) A method for driving a plasma display panel wherein the plasma display panel is driven with a reset period divided into a set-up period and a set-down period, wherein the plasma display panel comprises a scan electrode and a sustain electrode which are formed in parallel to a discharge cell at a first distance; and an address electrode formed to intersect a discharge cell at a second distance narrower than the first distance between the scan electrode and the sustain electrode, the method comprising the steps of:

supplying a first ramp-up waveform, which rises from a first voltage value to a peak voltage, to a scan electrode during the set-up period;

supplying a second ramp-up waveform to a sustain electrode formed in parallel to the scan electrode during the set-up period; and

supplying a ramp-down waveform, which falls from a second voltage value lower than the first voltage value to a third voltage value, to the scan electrode during the set-down period.

56. (Original) The method as claimed in claim 55, wherein the peak voltage is set below 350V.

57. (Original) The method as claimed in claim 55, wherein the peak voltage is set below 300V.

58. (Original) The method as claimed in claim 55, wherein the second voltage value is set below 200V.

59. (Original) The method as claimed in claim 55, wherein the third voltage value becomes the ground voltage.

60. (Original) The method as claimed in claim 49, wherein the period where the ramp-down waveform is applied is set to be longer twice than the period where the first ramp-up waveform is applied.

61. (Original) The method as claimed in claim 55, wherein voltage values of the first ramp-up waveform and the second ramp-up waveform are set same.

62. (Original) The method as claimed in claim 61, wherein after the second ramp-up waveform is applied, a DC voltage of the positive polarity is consecutively applied to the sustain electrode.